

Different b/w IPv4 and IPv6

# IPv4	IPv6
1. IP sec support is optional	• IP sec support is required.
2. Header includes a checksum.	• Header does not include a checksum.
3. Header includes options.	• All optional data is moved to IPv6 extension headers.
4. Fragmentation is done by both routers and the sending host.	• Fragmentation is not done by routers, only by the sending host.

Types of CSMA.

(A) Non persistent CSMA

(A) In this scheme if a station wants to transmit a frame and it finds that the channel is busy then it will wait for fixed interval of time.

(B) 1-persistent CSMA:

In this scheme the station which wants to transmit continuously monitors the channel until it is idle and then transmits immediately.

(C) P-persistent CSMA:

The possibility of such collisions are not allowed to transmit simultaneously as soon as the channel becomes idle.